

C1

(b) a display unit configured for displaying real-time data provided by said electronic positioning device and said physiological monitor, said display unit separate from said data acquisition unit;
wherein said display unit is configured to be worn by the subject, worn by someone other than the subject, or attached to an apparatus associated with the physical activity being performed by the subject so as to be visible to the subject while performing the physical activity, and further wherein said system is configured such that said display unit displays real-time data comprising at least one of a subject's location, altitude, velocity, pace, and distance traveled.

Please amend claim 3 as follows:

C2
3. (amended) The system of claim 1, wherein said electronic positioning device comprises a GPS device.

Please cancel claim 6.

Please amend claim 7 as follows:

C3 67. (amended) The system of claim 1, wherein said electronic positioning device comprises a GPS device, and further wherein said data acquisition unit further comprises a support member, and said GPS device and said physiological monitor are provided on said support member.

Please amend claim 9 as follows:

C4 82. (amended) The system of claim 1, wherein said data acquisition unit is configured to be worn about a human user's waist.

Please amend claim 10 as follows:

C5 9 10. (amended) The system of claim 1, wherein said data acquisition unit is configured to be worn about a human user's chest.

Please amend claim 18 as follows:

C5 28 18. (twice amended) An exercise monitoring system, comprising:

- CR*
- C5*
- (a) an electronic positioning device configured to receive electromagnetic signals from three or more sources so that said monitoring system can determine at least one of a subject's velocity or pace, wherein said electronic positioning device is provided as part of a data acquisition unit;
 - (b) a display unit configured to be worn by a user and for displaying real-time data provided by said electronic positioning device wherein said display unit is separate from said electronic positioning device; and
 - (c) an alarm, wherein said alarm is activated when a subject's velocity or pace does not meet a predetermined target.

C6

Please cancel claim 59.

Please amend claim 60 as follows:

60. (amended) The exercise monitoring system of claim 1, wherein said display unit comprises a heads-up type display unit configured to display said data by projecting the data onto glasses, goggles or a visor, or by projecting the data onto a display screen positioned such that the data will be visible to a user.

Please cancel claim 61.

Please amend claim 62 as follows:

18 62. (amended) The exercise monitoring system of claim 1, wherein said system is configured such that the display unit simultaneously displays: at least one of a subject's velocity, pace and distance traveled; and physiological data provided by said physiological monitor.

C7

Please amend claim 63 as follows:

19 63. (amended) The exercise monitoring system of claim 1, wherein said system further comprises at least one memory, and at least one processor for processing acquired data in accordance with instructions stored in said at least one memory.

Please amend claim 66 as follows:

C8 66. (amended) The exercise monitoring system of claim 1, wherein said display unit is configured for communication with said data acquisition unit via a wired or wireless link, such that data indicative of at least one of a subject's velocity or pace can be transmitted to said display unit.

Please cancel claim 75.

Please amend claim 76 as follows:

C9 3,76. (amended) The exercise monitoring system of claim ~~74~~³⁰, wherein said data acquisition unit further comprises a support member, and said GPS device is removably secured to said support member.

REMARKS

In the Office Action dated February 12, 2003, the Examiner has rejected all of the pending claims in the present application. Specifically, the Examiner rejected claims 1, 3-12, 14, 16, 59 and 62-70 under 35 U.S.C. 102(e) as being anticipated by Root et al. Claims 2, 15, 17, 18 and 71-76 were rejected under 35 U.S.C. 103(a) as being obvious in view of Root et al. Finally, claims 60 and 61 were rejected under 35 U.S.C. 103(a) as being obvious over Root in view of Seiple et al. Applicants believe that all of the claims, as amended herein, are novel and non-obvious over the cited art.

Specifically, claim 1 has been amended to require that the electronic positioning device and physiological monitor are provided as a data acquisition unit which is configured to be worn by a subject performing a physical activity. Claim 1 has also been amended to require that the display unit is separate from the data acquisition unit and is configured to display real-time data. Finally, claim 1 now specifies that the display unit is configured to be worn by the subject, worn by someone other than the subject (e.g., a jockey), or attached to an apparatus associated with the physical activity being performed by the subject so as to be visible to the subject (e.g., bicycle handlebars). Claim 1 now includes all of the limitations of previous claims 6 and 61,